

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/31/2003

Experimenters: Jason Marshall

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Cutting/Tapping Fluids

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Cleaning: 5 min Immersion cleaning with stir-bar agitation @ 120 F
Drying: wipe
Contaminant: Relton Corp Option 1 Cutting Fluid CAS# 1312-76-1, 265-18-2

Results:

Summary:

Substrates:		Aluminum				
Contaminants:		Cutting/Tapping Fluids				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
Twin Rivers Technologies	Methyl Ester 1618	100	47.29	<input type="checkbox"/>		
AG Environmental Products	Canola Gold CE110	100	78.14	<input type="checkbox"/>		
AG Environmental Products	Soy Clear 1500	100	78.67	<input type="checkbox"/>		
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	80.37	<input type="checkbox"/>		

Conclusion: